

Fwd Eng Room

**BRIDGE and ENGINE  
BELL BOOK**



**USNS** John Pope (TAP110)

**MILITARY SEA TRANSPORTATION SERVICE  
DEPARTMENT OF THE NAVY**

MSTS FORM 5211-3 (Rev. 4-61)

## INSTRUCTIONS

1. The Bridge and Engine Bell Book is an adjunct to the ship's log. Its primary purpose is to accurately record the transmission and receipt of engine orders. It further provides a convenient means for recording all information pertinent to maneuvering while entering or departing port, or while shifting berth.

2. The book is designed for use by the bridge and engine room(s) in both single and twin-screw ships. All information on upper left pages will be completed by bridge operators. (Names of pilots will include first name or initials.) Engine operators will only complete the first two lines on this page.

3. Applicable boxes on the top of right pages will be checked by bridge and engine operators. Separate books will be maintained for twin-screw ships with engines located in separate spaces. Applicable boxes at the top of right page will be checked by engine operators to reflect appropriate engines. The RPM column shall be completed only by engine operators.

4. Approved symbols, as indicated, will be used for recording bells. Time will be entered in four-digit numbers, commencing at 0001, one minute past midnight, to 2400, the following midnight.

5. No alterations or erasures will be made in the book. When a correction is necessary, a single line shall be drawn through the original entry so that the entry remains legible. The correction shall be initialed by the person keeping the record. All information pertinent to maneuvering shall be recorded under "Remarks."

6. Bell book(s) shall be kept from:

- a. Arrival to finished with engines (FWE).
- b. Standby engines (SBE) to departure.
- c. Whenever the ship is shifted in a harbor under her own power.
- d. When otherwise deemed appropriate by the master.

7. The master will insure that bell books are available at all times on the bridge and in the engine room(s) and that officers on watch properly and accurately record all signals.

8. After the engines have been rung off on conclusion of a maneuver, officers recording the bells shall sign the book in the space designated. In the event an officer is relieved during a maneuver, a notation to this effect will be made in the remarks column, with the time and signature of the officer being relieved. The relieving officer will sign the book in the space provided at the bottom of the right page.

9. Bell books will be retained on board for six months after completion and then transferred to the home port commander. Bell books will be retained by the home port commander for three years from date of last entry and then destroyed.

|                                             |                                    |                        |            |
|---------------------------------------------|------------------------------------|------------------------|------------|
| PORT<br><b>SAN DIEGO</b>                    |                                    | VOYAGE NO.<br><b>9</b> |            |
| <input checked="" type="checkbox"/> ARRIVAL | <input type="checkbox"/> DEPARTURE | DATE<br><b>8/19/67</b> | TIME       |
| PILOT                                       |                                    | ON BOARD               |            |
| AT THE CONN FROM                            |                                    | TO                     | DISCHARGED |
| PILOT                                       |                                    | ON BOARD               |            |
| AT THE CONN FROM                            |                                    | TO                     | DISCHARGED |
| EMERGENCY STEERING MANNED                   | SECURED                            | SBE                    | FWE        |

\* BELL SYMBOLS

| <u>AHEAD</u> |  |        | <u>BACK</u> |  |
|--------------|--|--------|-------------|--|
| SLOW         |  |        | SLOW        |  |
| HALF         |  |        | HALF        |  |
| FULL         |  | STOP Z | FULL        |  |
| EMERG        |  |        | EMERG.      |  |

REMARKS

**STBY 1010**  
**FOM 8013090 P**  
**FOM 4653350 S 1264440**  
**CTR 35119340**

**ARRIVAL 1030**  
**FOM 8013150 P**  
**FOM 4653410 S 12644760**  
**CTR 35120820**

**F.W.E 1138**  
**FOM 8013290**  
**FOM 4653540 12644830**  
**C- 35122980**



|                                  |                                               |                        |                     |
|----------------------------------|-----------------------------------------------|------------------------|---------------------|
| PORT<br><b>OSAN DIEGO</b>        |                                               | VOYAGE NO.<br><b>9</b> |                     |
| <input type="checkbox"/> ARRIVAL | <input checked="" type="checkbox"/> DEPARTURE | DATE<br><b>8/19/67</b> | TIME<br><b>1500</b> |
| PILOT                            |                                               |                        | ON BOARD            |
| AT THE CONN FROM                 |                                               | TO                     | DISCHARGED          |
| PILOT                            |                                               |                        | ON BOARD            |
| AT THE CONN FROM                 |                                               | TO                     | DISCHARGED          |
| EMERGENCY STEERING MANNED        | SECURED                                       | SBE<br><b>1345</b>     | FWE                 |

\* BELL SYMBOLS

| AHEAD  |  |        | BACK   |  |
|--------|--|--------|--------|--|
| SLOW   |  |        | SLOW   |  |
| HALF   |  |        | HALF   |  |
| FULL   |  | STOP Z | FULL   |  |
| EMERG. |  |        | EMERG. |  |

REMARKS

**STBY. 1345**

**FOM 8013400 P**

**FOM 46536705 12647070**

**CTR 35123070**

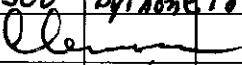
  

**DEPT. 1500**

**FOM 8013610 P**

**FOM 4653850 S 12647460**

**CTR 35125100**

| <input type="checkbox"/> BRIDGE <input checked="" type="checkbox"/> STARBOARD OR FWD (NO. 1)   |          |        | <input type="checkbox"/> PORT OR AFT (NO. 2) |        |     |
|------------------------------------------------------------------------------------------------|----------|--------|----------------------------------------------|--------|-----|
| STARBOARD ENGINE OR FORWARD (NO. 1)                                                            |          |        | PORT ENGINE OR AFT (NO. 2)                   |        |     |
| TIME                                                                                           | * BELL   | RPM    | TIME                                         | * BELL | RPM |
| STBY                                                                                           | 1345     |        |                                              |        |     |
| 1414                                                                                           | —        | 15     |                                              |        |     |
| 1415                                                                                           | +1       | 30     |                                              |        |     |
| 1418                                                                                           | Z        | 20     |                                              |        |     |
| 1419                                                                                           | L        | 40     |                                              |        |     |
| 1428                                                                                           | L        | 20     |                                              |        |     |
| 1431                                                                                           | L        | 40     |                                              |        |     |
| 1432                                                                                           | By Phone | 50     |                                              |        |     |
| 1434                                                                                           | By Phone | 40     |                                              |        |     |
| 1437                                                                                           | By Phone | 50     |                                              |        |     |
| 1445                                                                                           | By Phone | 40     |                                              |        |     |
| 1450                                                                                           | By Phone | 50     |                                              |        |     |
| 1453                                                                                           | L        | 60     |                                              |        |     |
| 1454                                                                                           | By Phone | 70     |                                              |        |     |
| 1455                                                                                           | By Phone | 10 NOZ |                                              |        |     |
| 1500                                                                                           | By Phone | 18 NOZ |                                              |        |     |
| <br>8/19/67 |          |        |                                              |        |     |

WATCH OFFICER'S SIGNATURE

Oakland

|                                             |                                    |                 |            |
|---------------------------------------------|------------------------------------|-----------------|------------|
| PORT<br>Oakland                             |                                    | VOYAGE NO.<br>9 |            |
| <input checked="" type="checkbox"/> ARRIVAL | <input type="checkbox"/> DEPARTURE | DATE<br>8-20-67 | TIME       |
| PILOT                                       |                                    |                 | ON BOARD   |
| AT THE CONN FROM                            |                                    | TO              | DISCHARGED |
| PILOT                                       |                                    |                 | ON BOARD   |
| AT THE CONN FROM                            |                                    | TO              | DISCHARGED |
| EMERGENCY STEERING MANNED                   | SECURED                            | SBE             | FWE        |

## \* BELL SYMBOLS

| AHEAD  |  |        | BACK   |  |
|--------|--|--------|--------|--|
| SLOW   |  |        | SLOW   |  |
| HALF   |  |        | HALF   |  |
| FULL   |  | STOP Z | FULL   |  |
| EMERG. |  |        | EMERG. |  |

## REMARKS

stby @ 1345

ARR. @ 1430

CTR - 35258640

FOM

P-8021860

S-4661370

12683230

F.W.E.

CTR 8677780 35264750

FOM

P. 8022230

S. 4661740

12683970

☐ BRIDGE☐ STARBOARD  
OR  
FWD (NO. 1)☐ PORT  
OR  
AFT (NO. 2)STARBOARD ENGINE  
OR FORWARD (NO. 1)PORT ENGINE  
OR AFT (NO. 2)

| TIME   | * BELL        | RPM | TIME                 | * BELL | RPM |
|--------|---------------|-----|----------------------|--------|-----|
|        |               |     | 1645                 | Z      | Q   |
|        |               |     | 1652                 | FWE    |     |
| 1432   | 4             | 40  | L. Harris<br>8/20/67 |        |     |
| 1434   | L             | 20  |                      |        |     |
| 1434½  | Z             | 0   |                      |        |     |
| 1439   | L             | 20  |                      |        |     |
| 1439½  | 4             | 40  |                      |        |     |
| 1440   | 4+            | 60  |                      |        |     |
| 1445   | B10<br>107422 |     |                      |        |     |
| 1507   | Bx phone      | 60  |                      |        |     |
| 1527   | 4+            | 40  |                      |        |     |
| 1530   | L             | 20  |                      |        |     |
| 1539   | 4             | 40  |                      |        |     |
| 1539.5 | L             | 20  |                      |        |     |
| 1542   | 4+            | 40  |                      |        |     |
| 1555   | L             | 20  |                      |        |     |
| 1600   | 4+            | 40  |                      |        |     |
| 1601   | 4+            | 60  |                      |        |     |
| 1616   | 4+            | 40  |                      |        |     |
| 1627   | 4+            | 60  |                      |        |     |
| 1629   | 4             | 40  |                      |        |     |
| 1629   | L             | 20  |                      |        |     |
| 1630   | Z             | Q   |                      |        |     |
| 1633   | L             | 20  |                      |        |     |
| 1634   | Z             | Q   |                      |        |     |
| 1637   | L             | 20  |                      |        |     |
| 1638   | 4+            | 40  |                      |        |     |
| 1638.5 | Z             | Q   |                      |        |     |
| 1639   | 4+            | 30  |                      |        |     |
| 1639.5 | —             | 15  |                      |        |     |
| 1640   | Z             | Q   |                      |        |     |
| 1642   | —             | 15  |                      |        |     |
| 1642.5 | 4+            | 30  |                      |        |     |
| 1643   | —             | 15  |                      |        |     |

WATCH OFFICER'S SIGNATURE

L. Harris

|                                                                                |         |                                       |            |
|--------------------------------------------------------------------------------|---------|---------------------------------------|------------|
| PORT<br><u>OAKLAND</u>                                                         |         | VOYAGE NO.                            |            |
| <input type="checkbox"/> ARRIVAL <input checked="" type="checkbox"/> DEPARTURE |         | DATE<br><u>Sept 1<sup>st</sup> 67</u> | TIME       |
| PILOT                                                                          |         | ON BOARD                              |            |
| AT THE CONN FROM                                                               |         | TO                                    | DISCHARGED |
| PILOT                                                                          |         | ON BOARD                              |            |
| AT THE CONN FROM                                                               |         | TO                                    | DISCHARGED |
| EMERGENCY STEERING MANNED<br><u>1350</u>                                       | SECURED | SBE                                   | FWE        |

\* BELL SYMBOLS

| AHEAD  |            |        | BACK   |             |
|--------|------------|--------|--------|-------------|
| SLOW   | <u>∟</u>   |        | SLOW   | <u>—/</u>   |
| HALF   | <u>∟+</u>  |        | HALF   | <u>+ /</u>  |
| FULL   | <u>∟+</u>  | STOP Z | FULL   | <u>++ /</u> |
| EMERG. | <u>(4)</u> |        | EMERG. | <u>(+)</u>  |

REMARKS,

Stby. 1345  
FOM-P 8030670  
FOM-S 4665510  
CTR.

Dept. 1600  
FOM-P- 8031290  
FOM-S- 4666040  
CTR-S- 35272900





☐ BRIDGE☒ STARBOARD  
OR  
FWD (NO. 1)☐ PORT  
OR  
AFT (NO. 2)STARBOARD ENGINE  
OR FORWARD (NO. 1)PORT ENGINE  
OR AFT (NO. 2)

| TIME   | * BELL | RPM | TIME                | * BELL | RPM |
|--------|--------|-----|---------------------|--------|-----|
| 0545   | StBy   | 60  | 0735.5              | Z      | Ø   |
| 0548   | 4      | 40  | 0736                | ✓      | 20  |
| 0600   | H      | 60  | 0736.5              | Z      | Ø   |
| 0603   | L      | 40  | 0737                | ✓      | 20  |
| 0612   | ✓      | 20  | 0737.5              | Z      | Ø   |
| 0617   | Z      | Ø   | 0750                | FWE    |     |
| 0629   | ✓      | 20  | L Harris<br>9/16/67 |        |     |
| 0649   | 4      | 40  |                     |        |     |
| 0659   | ✓      | 20  |                     |        |     |
| 0700   | Z      | Ø   |                     |        |     |
| 0702   | ✓      | 30  |                     |        |     |
| 0703   | Z      | Ø   |                     |        |     |
| 0709   | ✓      | 20  |                     |        |     |
| 0709.5 | Phone  | 10  |                     |        |     |
| 0710   | ✓      | 20  |                     |        |     |
| 0720   | Phone  | 10  |                     |        |     |
| 0721   | Z      | Ø   |                     |        |     |
| 0723   | ✓      | 15  |                     |        |     |
| 0723.5 | ✓      | 30  |                     |        |     |
| 0725   | Z      | Ø   |                     |        |     |
| 0726   | ✓      | 30  |                     |        |     |
| 0728   | ✓      | 15  |                     |        |     |
| 0728.5 | Z      | Ø   |                     |        |     |
| 0729   | ✓      | 40  |                     |        |     |
| 0730   | ✓      | 20  |                     |        |     |
| 0731   | ✓      | 30  |                     |        |     |
| 0731.5 | Z      | Ø   |                     |        |     |
| 0732   | ✓      | 20  |                     |        |     |
| 0732.5 | ✓      | 40  |                     |        |     |
| 0733   | Z      | Ø   |                     |        |     |
| 0733.5 | ✓      | 30  |                     |        |     |
| 0734   | ✓      | 15  |                     |        |     |
| 0734.5 | Z      | Ø   |                     |        |     |
| 0735   | ✓      | 30  |                     |        |     |

WATCH OFFICER'S SIGNATURE

L Harris

|                                  |                                               |                         |                     |
|----------------------------------|-----------------------------------------------|-------------------------|---------------------|
| PORT<br><b>OKINAWA</b>           |                                               | VOYAGE NO.<br><b>10</b> |                     |
| <input type="checkbox"/> ARRIVAL | <input checked="" type="checkbox"/> DEPARTURE | DATE<br><b>9/14/67</b>  | TIME<br><b>1800</b> |
| PILOT                            |                                               | ON BOARD                |                     |
| AT THE CONN FROM                 |                                               | TO                      | DISCHARGED          |
| PILOT                            |                                               | ON BOARD                |                     |
| AT THE CONN FROM                 |                                               | TO                      | DISCHARGED          |
| EMERGENCY STEERING MANNED        | SECURED                                       | SBE                     | FWE                 |
| <b>Enie - 1700</b>               |                                               | <b>1642</b>             |                     |

\* BELL SYMBOLS

| AHEAD |  | BACK   |  |
|-------|--|--------|--|
| SLOW  |  | SLOW   |  |
| HALF  |  | HALF   |  |
| FULL  |  | FULL   |  |
| EMERG |  | EMERG. |  |

REMARKS

**Syby 1642**  
**CTR 35735280**  
**FROM R 8149620**  
**FROM S 4774730**

**Dept. 1800**  
**CTR - ~~37093120~~<sup>LM</sup> 35738110**  
**FOM-P-8149820**  
**FOM-S-4774930**

[illegible]

WATCH OFFICER'S SIGNATURE

OFFICER'S SIGNATURE  
*L. Harris*

**H48767**

|                                                                                |         |                  |            |
|--------------------------------------------------------------------------------|---------|------------------|------------|
| PORT <u>VOLVY TRU</u>                                                          |         | VOYAGE NO.       |            |
| <input checked="" type="checkbox"/> ARRIVAL <input type="checkbox"/> DEPARTURE |         | DATE <u>9-20</u> | TIME       |
| PILOT                                                                          |         |                  | ON BOARD   |
| AT THE CONN FROM                                                               |         | TO               | DISCHARGED |
| PILOT                                                                          |         |                  | ON BOARD   |
| AT THE CONN FROM                                                               |         | TO               | DISCHARGED |
| EMERGENCY STEERING MANNED                                                      | SECURED | SBE              | FWE        |
| <u>Enrle 1000</u>                                                              |         |                  |            |

\* BELL SYMBOLS

| AHEAD  |            |        | BACK   |            |
|--------|------------|--------|--------|------------|
| SLOW   | <u>L</u>   |        | SLOW   | <u>—</u>   |
| HALF   | <u>+</u>   |        | HALF   | <u>+</u>   |
| FULL   | <u>+</u>   | STOP Z | FULL   | <u>+</u>   |
| EMERG. | <u>(+)</u> |        | EMERG. | <u>(+)</u> |

REMARKS

ARRIVAL @ 1000

CTR 37584600

FOM-P 8181820

FOM-S 4803890

F.W.E. 1200

CTR- 37589430

FOM-P 8182150

FOM-S 4804170

☐ BRIDGE☒ STARBOARD  
OR  
FWD (NO. 1)☐ PORT  
OR  
AFT (NO. 2)STARBOARD ENGINE  
OR FORWARD (NO. 1)PORT ENGINE  
OR AFT (NO. 2)

| TIME   | * BELL | RPM     | TIME   | * BELL | RPM |
|--------|--------|---------|--------|--------|-----|
| 0956   | STBY   |         | 1155   | ✓      | 20  |
| 1005   | Phone  | 60      | 1155.5 | Z      | 0   |
| 1011   | Phone  | 10 No 2 | 1200   | FWE    |     |
| 1034   | ✓      | 60      |        |        |     |
| 1034.5 | ✓      | 40      |        |        |     |
| 1035   | ✓      | 20      |        |        |     |
| 1035.5 | ✓      | 40      |        |        |     |
| 1036   | ✓      | 60      |        |        |     |
| 1048   | ✓      | 40      |        |        |     |
| 1055   | ✓      | 20      |        |        |     |
| 1056   | ✓      | 40      |        |        |     |
| 1106   | ✓      | 20      |        |        |     |
| 1115   | Z      | 0       |        |        |     |
| 1117   | ✓      | 20      |        |        |     |
| 1119   | Z      | 0       |        |        |     |
| 1121   | ✓      | 15      |        |        |     |
| 1121.5 | ✓      | 30      |        |        |     |
| 1123   | Z      | 0       |        |        |     |
| 1127   | ✓      | 20      |        |        |     |
| 1129   | Z      | 0       |        |        |     |
| 1130   | ✓      | 20      |        |        |     |
| 1135   | Z      | 0       |        |        |     |
| 1137   | ✓      | 40      |        |        |     |
| 1138   | Z      | 0       |        |        |     |
| 1139   | ✓      | 20      |        |        |     |
| 1145   | ✓      | 40      |        |        |     |
| 1145.5 | ✓      | 20      |        |        |     |
| 1147   | Z      | 0       |        |        |     |
| 1150   | ✓      | 30      |        |        |     |
| 1151   | Z      | 0       |        |        |     |
| 1153   | ✓      | 20      |        |        |     |
| 1154   | ✓      | 40      |        |        |     |

WATCH OFFICER'S SIGNATURE

J. M. Lock W/L

12-4

H48767

|                                  |                                               |                           |            |
|----------------------------------|-----------------------------------------------|---------------------------|------------|
| PORT<br><i>VUNG TAU SVN</i>      |                                               | VOYAGE NO.<br><i>10 C</i> |            |
| <input type="checkbox"/> ARRIVAL | <input checked="" type="checkbox"/> DEPARTURE | DATE<br><i>9/21/67</i>    | TIME       |
| PILOT                            |                                               | ON BOARD                  |            |
| AT THE CONN FROM                 |                                               | TO                        | DISCHARGED |
| PILOT                            |                                               | ON BOARD                  |            |
| AT THE CONN FROM                 |                                               | TO                        | DISCHARGED |
| EMERGENCY STEERING MANNED        | SECURED                                       | SBE                       | FWE        |

\* BELL SYMBOLS

| AHEAD  |  |        | BACK   |  |
|--------|--|--------|--------|--|
| SLOW   |  |        | SLOW   |  |
| HALF   |  |        | HALF   |  |
| FULL   |  | STOP Z | FULL   |  |
| EMERG. |  |        | EMERG. |  |

REMARKS

*S.B. @ 1110*

*CTR. - 36224250*

*P.F.M. - 8184060*

*S-F.M. - 4805470*

*Dep. @ 1200*

*CTR. - 37592430*

*P.F.M. - 8184230*

*S-F.M. - 4805620*



BRIDGE

STARBOARD  
OR  
FWD (NO. 1)PORT  
OR  
AFT (NO. 2)STARBOARD ENGINE  
OR FORWARD (NO. 1)PORT ENGINE  
OR AFT (NO. 2)

TIME

\* BELL

RPM

TIME

\* BELL

RPM

1010

S.B.E.

1023

✓

20

1025 1/2

4

40

1126 1/2

44

60

1141

104022

1200

DEPARTURE 16 HOZZLES

R.D. Vogelberg

9/21/67

WATCH OFFICER'S SIGNATURE

H48767

|                                                                                |         |                         |            |
|--------------------------------------------------------------------------------|---------|-------------------------|------------|
| PORT<br><i>Qui N Hon</i>                                                       |         | VOYAGE NO.<br><i>10</i> |            |
| <input checked="" type="checkbox"/> ARRIVAL <input type="checkbox"/> DEPARTURE |         | DATE<br><i>9/22/67</i>  | TIME       |
| PILOT                                                                          |         |                         | ON BOARD   |
| AT THE CONN FROM                                                               |         | TO                      | DISCHARGED |
| PILOT                                                                          |         |                         | ON BOARD   |
| AT THE CONN FROM                                                               |         | TO                      | DISCHARGED |
| EMERGENCY STEERING MANNED                                                      | SECURED | SBE                     | FWE        |

\* BELL SYMBOLS

| AHEAD |  |        | BACK   |  |
|-------|--|--------|--------|--|
| SLOW  |  |        | SLOW   |  |
| HALF  |  |        | HALF   |  |
| FULL  |  | STOP Z | FULL   |  |
| EMERG |  |        | EMERG. |  |

REMARKS

*CTR. 37698650 A2B-0T42*  
*FOM-P 8190850*  
*FOM-S 4811850*

*CTR. Stby. 37698500*

*F.W.E. 0823*

*CTR. -37700410*

*FOM-P-8191000*

*FOM-S-4811970*



|                                  |                                               |                     |            |
|----------------------------------|-----------------------------------------------|---------------------|------------|
| PORT <u>Quito Alhambra</u>       |                                               | VOYAGE NO.          |            |
| <input type="checkbox"/> ARRIVAL | <input checked="" type="checkbox"/> DEPARTURE | DATE <u>9/23/67</u> | TIME       |
| PILOT                            |                                               | ON BOARD            |            |
| AT THE CONN FROM                 |                                               | TO                  | DISCHARGED |
| PILOT                            |                                               | ON BOARD            |            |
| AT THE CONN FROM                 |                                               | TO                  | DISCHARGED |
| EMERGENCY STEERING MANNED        | SECURED                                       | SBE                 | FWE        |
| <u>ERNIE 1300</u>                |                                               |                     |            |

\* BELL SYMBOLS

| AHEAD |            |        | BACK   |            |
|-------|------------|--------|--------|------------|
| SLOW  | <u>L</u>   |        | SLOW   | <u>—</u>   |
| HALF  | <u>L+</u>  |        | HALF   | <u>—+</u>  |
| FULL  | <u>L+</u>  | STOP Z | FULL   | <u>—+</u>  |
| EMERG | <u>(4)</u> |        | EMERG. | <u>(+)</u> |

REMARKS

S.B. @ 1300

CTR. 37701080

FOM-P-8193660

FOM-S-4813710

Dept. 1318

CTR. - 37702240

FOM-P 8193740

FOM-S. 4813770



|                                                                                |         |                         |                     |
|--------------------------------------------------------------------------------|---------|-------------------------|---------------------|
| PORT<br><u>Subic Bay P.I.</u>                                                  |         | VOYAGE NO.<br><u>10</u> |                     |
| <input checked="" type="checkbox"/> ARRIVAL <input type="checkbox"/> DEPARTURE |         | DATE<br><u>9/25/67</u>  | TIME<br><u>0817</u> |
| PILOT                                                                          |         | ON BOARD                |                     |
| AT THE CONN FROM                                                               |         | TO                      | DISCHARGED          |
| PILOT                                                                          |         | ON BOARD                |                     |
| AT THE CONN FROM                                                               |         | TO                      | DISCHARGED          |
| EMERGENCY STEERING MANNED<br><u>ERNE 0800</u>                                  | SECURED | SBE<br><u>0800</u>      | FWE                 |

\* BELL SYMBOLS

| <u>AHEAD</u> |            |        | <u>BACK</u> |             |
|--------------|------------|--------|-------------|-------------|
| SLOW         | <u>L</u>   |        | SLOW        | <u>—/</u>   |
| HALF         | <u>L+</u>  |        | HALF        | <u>+ /</u>  |
| FULL         | <u>L+</u>  | STOP Z | FULL        | <u>++ /</u> |
| EMERG.       | <u>(4)</u> |        | EMERG.      | <u>(+)</u>  |

REMARKS

S.A. E. @ 0800

CTR

FOM - P

FOM - S

ARRIVAL 0818

CTR

FOM - P - 8205090

FOM - S - 4823710

FWE 0854

CTR

FOM - P - 8205150

FOM - S - 4823770

[illegible]

WATCH OFFICER'S SIGNATURE

|                                                                                |         |                        |            |
|--------------------------------------------------------------------------------|---------|------------------------|------------|
| PORT<br><u>Subie Bay.</u>                                                      |         | VOYAGE NO.             |            |
| <input type="checkbox"/> ARRIVAL <input checked="" type="checkbox"/> DEPARTURE |         | DATE<br><u>9/29/67</u> | TIME       |
| PILOT                                                                          |         | ON BOARD               |            |
| AT THE CONN FROM                                                               |         | TO                     | DISCHARGED |
| PILOT                                                                          |         | ON BOARD               |            |
| AT THE CONN FROM                                                               |         | TO                     | DISCHARGED |
| EMERGENCY STEERING MANNED<br><u>FRNIE</u> <u>1250</u>                          | SECURED | SBE                    | FWE        |

\* BELL SYMBOLS

| <u>AHEAD</u> |            |        | <u>BACK</u> |            |
|--------------|------------|--------|-------------|------------|
| SLOW         | <u>L</u>   |        | SLOW        | <u>—/</u>  |
| HALF         | <u>L+</u>  |        | HALF        | <u>+ /</u> |
| FULL         | <u>L#</u>  | STOP Z | FULL        | <u># /</u> |
| EMERG.       | <u>(4)</u> |        | EMERG.      | <u>(+)</u> |

REMARKS

SBE - 1241

CTR - 37901460

FOM-P 8216440

FOMS 4824400

Dept - 1300

CTR - 37901880

FOM-P 8216420

FOM-S 4824240

☐ BRIDGE☐ STARBOARD  
OR  
FWD (NO. 1)☐ PORT  
OR  
AFT (NO. 2)STARBOARD ENGINE  
OR FORWARD (NO. 1)PORT ENGINE  
OR AFT (NO. 2)

TIME

\* BELL

RPM

TIME

\* BELL

RPM

1241 Ctlby

1253 14 60

1300 Dept 10 Noz

9/29/67

WATCH OFFICER'S SIGNATURE

H48762

|                                                                                |         |                         |                     |
|--------------------------------------------------------------------------------|---------|-------------------------|---------------------|
| PORT<br><b>DA Nang.</b>                                                        |         | VOYAGE NO.<br><b>10</b> |                     |
| <input checked="" type="checkbox"/> ARRIVAL <input type="checkbox"/> DEPARTURE |         | DATE<br><b>10/1/67</b>  | TIME<br><b>0700</b> |
| PILOT                                                                          |         | ON BOARD                |                     |
| AT THE CONN FROM                                                               |         | TO                      | DISCHARGED          |
| PILOT                                                                          |         | ON BOARD                |                     |
| AT THE CONN FROM                                                               |         | TO                      | DISCHARGED          |
| EMERGENCY STEERING MANNED<br><b>ERnie 0700</b>                                 | SECURED | SBE<br><b>0645</b>      | FWE                 |

\* BELL SYMBOLS

| AHEAD |  |        | BACK   |  |
|-------|--|--------|--------|--|
| SLOW  |  |        | SLOW   |  |
| HALF  |  |        | HALF   |  |
| FULL  |  | STOP Z | FULL   |  |
| EMERG |  |        | EMERG. |  |

REMARKS

**Stby @ 0645 ARRIVE @ 0700**  
**CTR. 38126800**  
**FOM-P 8230340**  
**FOM-S 4837160**

**FWE 0757**  
**CTR. 38128420**  
**FOM-P 8230420**  
**FOM-S 4837240**

**Shift Ship.**

**0907 Stby.**  
**CTR. 38128550**  
**FOM-P 8230570**  
**FOM-S 4837310**

**FWE- 1030**  
**CTR. 38129460**  
**FOM-P-8230710**  
**FOM-S 4837400**

☐ BRIDGE☒ STARBOARD  
OR  
FWD (NO. 1)☐ PORT  
OR  
AFT (NO. 2)STARBOARD ENGINE  
OR FORWARD (NO. 1)PORT ENGINE  
OR AFT (NO. 2)

| TIME      | * BELL | RPM | TIME                     | * BELL | RPM |
|-----------|--------|-----|--------------------------|--------|-----|
| 0645      | Stby   | 60  |                          |        |     |
| 0700      | A22    | 60  |                          |        |     |
| 0704      | L      | 40  |                          |        |     |
| 0734      | ✓      | 20  |                          |        |     |
| 0745      | +      | 40  |                          |        |     |
| 0746      | Z      | Ø   |                          |        |     |
| 0748      | ✓      | 20  |                          |        |     |
| 0749      | Z      | Ø   |                          |        |     |
| 0751      | ✓      | 30  |                          |        |     |
| 0752      | ✓      | 45  |                          |        |     |
| 0754      | Z      | Ø   |                          |        |     |
| 0757      | FWE    |     |                          |        |     |
| L. Harris |        |     |                          |        |     |
| 10/1/67   |        |     |                          |        |     |
| Shift     |        |     | Ship - Anchorage to Dock |        |     |
| 0907      | Stby   |     |                          |        |     |
| 0917      | ✓      | 30  | 1012                     | ✓      | 20  |
| 0919      | Z      | Ø   | 1014                     | Z      | Ø   |
| 0920      | ✓      | 30  | 1030                     | FWE    |     |
| 0923      | Z      | Ø   | R.D. Veyday<br>10/1/67   |        |     |
| 0925      | ✓      | 20  |                          |        |     |
| 0941      | +      | 40  |                          |        |     |
| 0944      | Z      | Ø   |                          |        |     |
| 0946      | +      | 40  |                          |        |     |
| 0947      | ✓      | 20  |                          |        |     |
| 0947.5    | Z      | Ø   |                          |        |     |
| 0957      | ✓      | 20  |                          |        |     |
| 1001      | Z      | Ø   |                          |        |     |
| 1002      | +      | 40  |                          |        |     |
| 1004      | ✓      | 20  |                          |        |     |
| 1005      | Z      | Ø   |                          |        |     |
| 1007      | ✓      | 20  |                          |        |     |
| 1011      | Z      | Ø   |                          |        |     |

WATCH OFFICER'S SIGNATURE

|                                  |                                               |                        |            |
|----------------------------------|-----------------------------------------------|------------------------|------------|
| PORT<br><b>DA Nang</b>           |                                               | VOYAGE NO.             |            |
|                                  |                                               | DATE<br><b>10-1-67</b> | TIME       |
| <input type="checkbox"/> ARRIVAL | <input checked="" type="checkbox"/> DEPARTURE |                        |            |
| PILOT                            |                                               | ON BOARD               |            |
| AT THE CONN FROM                 |                                               | TO                     | DISCHARGED |
| PILOT                            |                                               | ON BOARD               |            |
| AT THE CONN FROM                 |                                               | TO                     | DISCHARGED |
| EMERGENCY STEERING MANNED        | SECURED                                       | SBE                    | FWE        |

\* BELL SYMBOLS

| <u>AHEAD</u> |            |        | <u>BACK</u> |            |
|--------------|------------|--------|-------------|------------|
| SLOW         | <u>L</u>   |        | SLOW        | <u>/</u>   |
| HALF         | <u>+</u>   |        | HALF        | <u>+</u>   |
| FULL         | <u>+</u>   | STOP Z | FULL        | <u>+</u>   |
| EMERG        | <u>(+)</u> |        | EMERG.      | <u>(+)</u> |

REMARKS

**SBE @1126**

**CTR 38129490**

**FCMP 8230800**

**FCM-S 4837490**

**Dept. @ 1230**

**CTR - 38130690**

**FOM - P 8230940**

**FOM - S 4837640**

*[Signature]*

| STARBOARD ENGINE<br>OR FORWARD (NO. 1) |        |        | PORT ENGINE<br>OR AFT (NO. 2) |        |     |
|----------------------------------------|--------|--------|-------------------------------|--------|-----|
| TIME                                   | * BELL | RPM    | TIME                          | * BELL | RPM |
| 1136                                   | J76y   |        |                               |        |     |
| 1154                                   | Z      | Ø      |                               |        |     |
| 1156                                   | H      | 45     |                               |        |     |
| 1157                                   | Z      | Ø      |                               |        |     |
| 1158                                   | L      | 20     |                               |        |     |
| 1158.5                                 | Z      | Ø      |                               |        |     |
| 1159                                   | L      | 20     |                               |        |     |
| 1200                                   | Z      | Ø      |                               |        |     |
| 1206                                   | H      | 40     |                               |        |     |
| 1207                                   | Z      | Ø      |                               |        |     |
| 1210                                   | L      | 20     |                               |        |     |
| 1213                                   | H      | 40     |                               |        |     |
| 1215                                   | H      | 60     |                               |        |     |
| 1221                                   | Phone  | 10Noz. |                               |        |     |
| 1230                                   | Dept.  | 18Noz. |                               |        |     |
| Para [Signature]                       |        |        |                               |        |     |
| 10/1/67                                |        |        |                               |        |     |

|                                                                                |         |                         |            |
|--------------------------------------------------------------------------------|---------|-------------------------|------------|
| PORT<br><b>OKINAWA</b>                                                         |         | VOYAGE NO.<br><b>10</b> |            |
| <input checked="" type="checkbox"/> ARRIVAL <input type="checkbox"/> DEPARTURE |         | DATE<br><b>10/5/67</b>  | TIME       |
| PILOT                                                                          |         | ON BOARD                |            |
| AT THE CONN FROM                                                               |         | TO                      | DISCHARGED |
| PILOT                                                                          |         | ON BOARD                |            |
| AT THE CONN FROM                                                               |         | TO                      | DISCHARGED |
| EMERGENCY STEERING MANNED<br><b>EMERG 0600</b>                                 | SECURED | SBE<br><b>0600</b>      | FWE        |

\* BELL SYMBOLS

| AHEAD  |  |        | BACK   |  |
|--------|--|--------|--------|--|
| SLOW   |  |        | SLOW   |  |
| HALF   |  |        | HALF   |  |
| FULL   |  | STOP Z | FULL   |  |
| EMERG. |  |        | EMERG. |  |

REMARKS

**STR @ 0600 ARRIVAL @ 0618**

**CTR. 35560930**

**FOM-P. 8256560**

**FOM-S. 4861130**

**FWE - 0737**

**CTR. - 38562600**

**FOM-P 8256600**

**FOM-S 4861220**

☐ PORT  
OR  
AFT (NO. 2)

WATCH OFFICER'S SIGNATURE